

**WHAT IS CLAIMED IS:**

1. A notification system for notifying a user of a processing item at a specific timing in accordance with an information input about the processing item including an execution position and expiration date of execution, wherein whether to notify the user of the processing item is determined on the basis of a distance between a current position of the user and the execution position included in the processing item, and a time difference between current time and the expiration date of execution included in the processing item.

2. A notification system for notifying a user of a processing item at a specific timing in accordance with an information input about the processing item including an execution position and expiration date of execution, comprising:

processing item input means having a function of inputting information about a processing item;

processing item storage means having a function of storing the processing item input by said processing item input means;

position measuring means having a function of measuring a current position of a user;

timepiece means having a function of measuring current time;

notification determination means having a function of determining whether to notify the user of the processing item, on the basis of a time difference between the current time and the expiration date of execution included  
5 in the processing item stored in said processing item storage means and a distance between the current position and the execution position included in the processing item; and

notification means having a function of notifying the  
10 user.

3. A system according to claim 1, wherein when it is determined whether to notify the user of a processing item whose expiration date of execution is not designated, a distance between the current position and an execution  
15 position included in the processing item is used.

4. A system according to claim 2, wherein when it is determined whether to notify the user of a processing item whose expiration date of execution is not designated, a distance between the current position and an execution  
20 position included in the processing item is used.

5. A notification server for notifying a user of a processing item including a stored expiration date of execution and a stored execution position at a specific timing, comprising:

25 processing item storage means having a function of

storing information about the processing item; and

notification determination means having a function of determining whether to notify the user of the processing item, on the basis of a time difference between current  
5 time and the expiration date included in the processing item stored in said processing item storage means and a distance between a current position and the execution position included in the processing item.

6. A server according to claim 5, wherein when it is  
10 determined whether to notify the user of a processing item whose expiration date of execution is not designated, a distance between the current position and an execution position included in the processing item is used.

7. A notification method of notifying a user of a  
15 processing item including an expiration date and an execution position at a specific timing, comprising:

the processing step of acquiring each information about current time and a current position of the user;

the processing step of calculating a distance between  
20 the execution position included in the processing item and the current position of the user;

the processing step of calculating a time difference the current time and an expiration date of execution included in the processing item;

25 the processing step of calculating a degree of

necessity of notification on the basis of the distance and the time difference; and

the processing step of determining whether to notify the user of the processing item, in accordance with a value of the degree of necessity of notification.

8. A notification method of notifying a user of a processing item at a specific timing in accordance with an information input about the processing item including an expiration date of execution and an execution position, comprising:

the processing step of causing the user to input information about the processing item including the expiration date of execution and the execution position;

the processing step of acquiring each information about current time and a current position of the user;

the processing step of calculating a distance between the execution position included in the processing item and the current position of the user;

the processing step of calculating a time difference between the current time and the expiration date of execution included in the processing item;

the processing step of calculating a degree of necessity of notification on the basis of the distance and the time difference; and

the processing step of notifying the user of the

processing item when the degree of necessity of notification exceeds a predetermined notification threshold.

9. A method according to claim 7, wherein when it is  
5 determined whether to notify the user of a processing item whose expiration date of execution is not designated, a distance between the current position and an execution position included in the processing item is used.

10. A method according to claim 8, wherein when it is  
10 determined whether to notify the user of a processing item whose expiration date of execution is not designated, a distance between the current position and an execution position included in the processing item is used.

11. A recording medium recording a program for  
15 executing a notification method of notifying a user of a processing item including an expiration date and an execution position at a specific timing, the program comprising:

processing of acquiring each information about  
20 current time and a current position of the user;

processing of calculating a distance between the execution position included in processing item and the current time of the user;

processing of calculating the time difference between  
25 a time difference the current time and an expiration date

of execution included in processing item;

processing of calculating a degree of necessity of notification on the basis of the distance and the time difference; and

- 5        processing of determining whether to notify the user of processing item, in accordance with a value of the degree of necessity of notification.

12.     A recording medium recording a program for executing a notification method of notifying a user of a processing item at a specific timing in accordance with an information input about the processing item including an expiration date of execution and an execution position, the program comprising:

the processing step of causing the user to input information about the processing item including the expiration date of execution and the execution position;

processing of acquiring each information about current time and a current position of the user;

processing of calculating a distance between the execution position included in the processing item and the current position of the user;

processing of calculating a time difference between the current time and the expiration date of execution included in the processing item;

- 25        processing of calculating a degree of necessity of

notification on the basis of the distance and the time difference; and

the processing step of notifying the user of the processing item when the degree of necessity of  
5 notification exceeds a predetermined notification threshold.

13. A medium according to claim 11, wherein when it is determined whether to notify the user of a processing item whose expiration date of execution is not designated,  
10 a distance between the current position and an execution position included in the processing item is used.

14. A medium according to claim 12, wherein when it is determined whether to notify the user of a processing item whose expiration date of execution is not designated,  
15 a distance between the current position and an execution position included in the processing item is used.